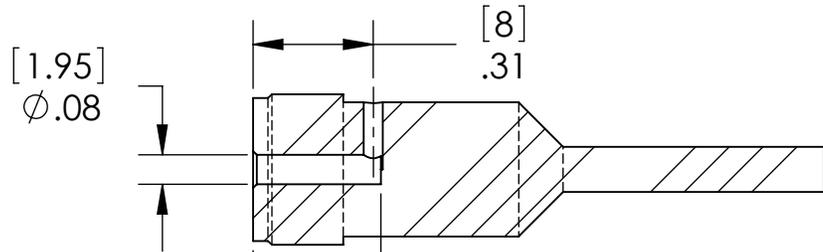


NOTES CONTINUED:

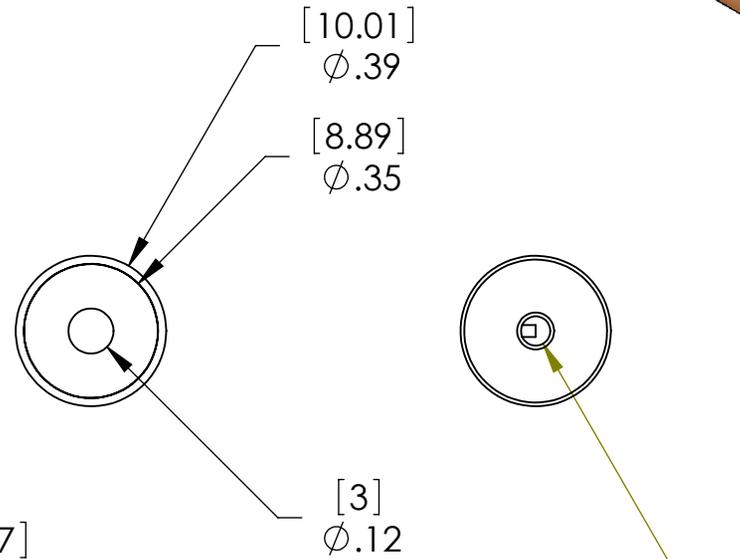
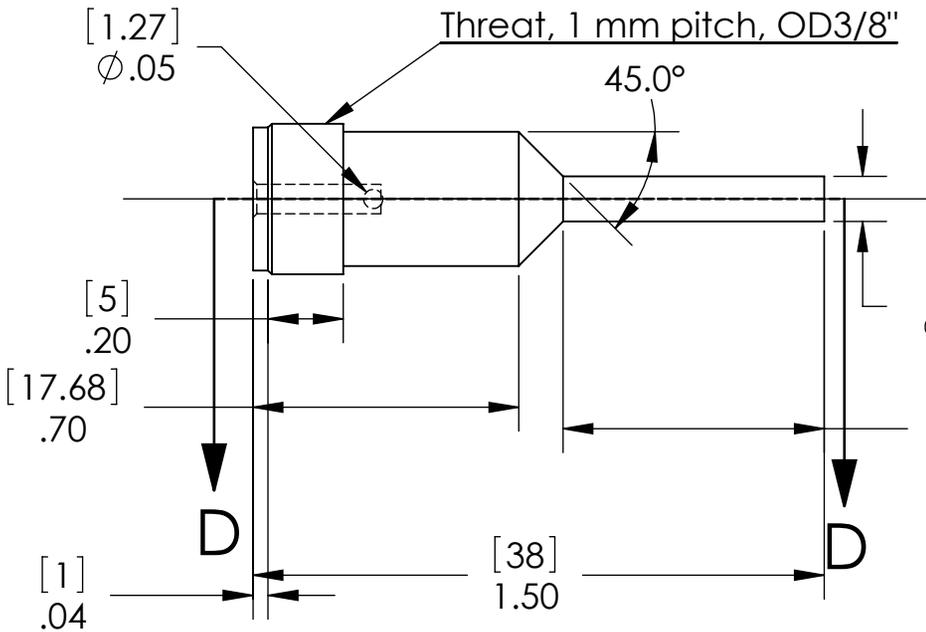
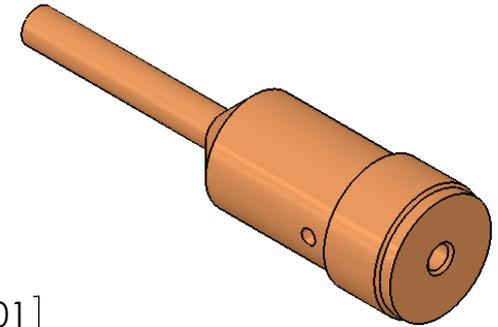
⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED.
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

Magnets on order:
Dia 2mm ~ 0.0787 +/- 0.002"
Length 3mm ~ 0.1181"

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



SECTION D-D



0.0002-0.0005" interference press fit to the finished OD of the Nickel plated SmCo 26 MGOe magnets. (ref dia 0.1761)

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL

PEEK

FINISH

32 µinch



CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM

ADVANCED LIGO

SUB-SYSTEM

ISC

NEXT ASSY

Tip-Tilt Structure

PART NAME

Tip-Tilt BOSEM Flag - Dia2x3mm Magnet

DESIGNER	BJJ Slagmolen	13 May 2010	SIZE	DWG. NO.	REV.
DRAFTER			A	D1002338	XX
CHECKER					
APPROVAL			SCALE: 2:1	PROJECTION:	SHEET 1 OF 1